

Message

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**From:** Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]  
**Sent:** 3/8/2018 11:31:14 AM  
**To:** Graybill, Eric [graybill.eric@epa.gov]  
**CC:** Caporale, Cynthia [Caporale.Cynthia@epa.gov]  
**Subject:** RE: TestAmerica HFPO DA analytical method PDF?

Thanks Eric.

I gave them a quick look. One thing I noted was that for HFPO-DA they only use one MRM transition. We know you can get at least 3. We generally look for 329-284, 329-184 and 329-169. Having a second or third transition is generally needed to show it is truly the analyte and not a false positive. At least a second transition is the norm. See Figure 4 and Table 3 in the first document DV-LC-0012 PFOA and PFOS.pdf

Mark

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**From:** Graybill, Eric  
**Sent:** Wednesday, March 07, 2018 12:51 PM  
**To:** Strynar, Mark <Strynar.Mark@epa.gov>  
**Cc:** Caporale, Cynthia <Caporale.Cynthia@epa.gov>  
**Subject:** FW: TestAmerica HFPO DA analytical method PDF?  
**Importance:** High

Mark

I am uncertain if Cindy had sent you these documents but these are the TestAmerican SOPs for GenX as I understand it.

Eric

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**From:** Caporale, Cynthia  
**Sent:** Wednesday, February 28, 2018 9:59 AM  
**To:** Graybill, Eric <graybill.eric@epa.gov>  
**Subject:** FW: TestAmerica HFPO DA analytical method PDF?  
**Importance:** High

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**From:** Caporale, Cynthia  
**Sent:** Tuesday, February 27, 2018 1:25 PM  
**To:** Matta, Christian <Matta.Christian@epa.gov>  
**Subject:** FW: TestAmerica HFPO DA analytical method PDF?  
**Importance:** High

I need to catch you up on this. I'm thinking a call with Rick would be helpful but maybe we need Eric to look this over before we have a meeting. If Eric is not available then I will see if Jennie or Kevin can take a look.

Although this is data validation/review it is non-SF and is not to be assigned to ESAT. We can discuss next steps later if DV is actually needed.

I'd will reply to Rick and see if we can schedule a meeting for tomorrow or early next week.

Cindy

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**From:** rogers, rick

**Sent:** Tuesday, February 27, 2018 12:41 PM

**To:** Caporale, Cynthia <Caporale.Cynthia@epa.gov>

**Cc:** Reinhart, Roger <Reinhart.Roger@epa.gov>; Bennett, James <bennett.james@epa.gov>

**Subject:** FW: TestAmerica HFPO DA analytical method PDF?

**Importance:** High

Hi Cindy,

A while back we spoke about the possible need for EPA to do data validation on GenX monitoring results we will be getting in from Chemours' sampling of some private and public water supply wells in WV and OH. I remember discussing what information would be necessary to perform a data validation review, but I'm not sure I have clear understanding of what would be necessary. I don't know the details of what that entails, but I wanted to start looking into what we would need from Chemours to enable a data validation to take place because I'm thinking that it would be a good idea to determine that the method they are using is acceptable and that a validation of their data will also be a good idea. I wanted to start talking about that with you to see if it would be possible to review their methods and to eventually conduct data validation. We will start getting preliminary data in by next week with final data a bit later. We will take follow-up steps based on their incoming data, so there wouldn't be a need to rush a data validation.

Attached is the methodology their contract lab is using for GenX. One document is for the extraction method and the other is for the actual LC/MS/MS method for HFPO dimer acid (GenX). I believe that this is the same laboratory that is performing Chemours' analytical work for samples being collected in and around their Fayetteville, NC facility.

I can set up a call to discuss further if you'd like.

Thanks,

Rick

Rick Rogers, Associate Director  
Office of Drinking Water and Source Water Protection  
Water Protection Division (3WP20)  
U.S. EPA Region III  
1650 Arch Street  
Philadelphia, PA 19103  
[rogers.rick@epa.gov](mailto:rogers.rick@epa.gov)  
Office: 215.814.5711  

Ex. 6 Personal Privacy (PP)

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**From:** Reinhart, Roger

**Sent:** Tuesday, February 13, 2018 4:29 PM

**To:** rogers, rick <[rogers.rick@epa.gov](mailto:rogers.rick@epa.gov)>; Bennett, James <[bennett.james@epa.gov](mailto:bennett.james@epa.gov)>; Duchovnay, Andrew <[Duchovnay.Andrew@epa.gov](mailto:Duchovnay.Andrew@epa.gov)>

**Cc:** Rowsey, Kevin <[rowsey.kevin@epa.gov](mailto:rowsey.kevin@epa.gov)>

**Subject:** FW: TestAmerica HFPO DA analytical method PDF?

**Importance:** High

FYI. A little background on the analytical method Chemours has been using for GenX (C3 Dimer Acid).

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**From:** Hartten, Andrew S [<mailto:Andrew.S.Hartten@chemours.com>]  
**Sent:** Tuesday, February 13, 2018 1:42 PM  
**To:** Yogesh.P.Patel@wv.gov; Reinhart, Roger <[Reinhart.Roger@epa.gov](mailto:Reinhart.Roger@epa.gov)>  
**Subject:** FW: TestAmerica HFPO DA analytical method PDF?  
**Importance:** High

We are getting numerous questions on the analytical method used to analyze C3 Dimer Acid in water. Basically, it's the same method (LC MS/MS) used for PFOA and PFOS (EPA Method 537) based on an authentic standard for C3 Dimer Acid. To my knowledge, all of the labs analyzing for C3DA are using this method.

Yogesh, it's the same method Washington Works has been using since late 2011 to present for outfall 002 and 005.

Andrew

**Andrew S. Hartten**  
Principal Project Manager-Corporate Remediation  
+1 302 773 1289 o  
+1 302 299 3037 m

**The Chemours Company**  
1007 Market Street, #3094  
Wilmington, DE 19899



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**From:** Davis, Katherine L [<mailto:katherine.l.davis@aecom.com>]  
**Sent:** Monday, February 05, 2018 3:46 PM  
**To:** Hartten, Andrew S <[Andrew.S.Hartten@chemours.com](mailto:Andrew.S.Hartten@chemours.com)>  
**Subject:** FW: TestAmerica HFPO DA analytical method PDF?

From Mike.....

**Katherine L. Davis, PhD**  
North America PFAS Lead  
Principal Geologist, Philly Metro Area  
D 1-302-781-5890  
C 1-302-530-2687  
[Katherine.L.Davis@aecom.com](mailto:Katherine.L.Davis@aecom.com)

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**From:** Aucoin, Michael  
**Sent:** Monday, February 05, 2018 3:42 PM  
**To:** Davis, Katherine L  
**Subject:** RE: TestAmerica HFPO DA analytical method PDF?

Attached are two pdfs. One for the extraction which is general for PFAS and does not reference HFPO-DA. The other pdf is for the analysis and includes specifics for HFPO-DA.

Please let me know if any questions.

Thanks.

Mike

**Michael Aucoin**  
Senior Project Chemist  
D 1-302-781-5873  
[michael.aucoin@aecom.com](mailto:michael.aucoin@aecom.com)

**AECOM**  
4051 Ogletown Road, Suite 300, Newark, Delaware 19713  
T 1-302-781-5900 F 1-302-781-5901  
[www.aecom.com](http://www.aecom.com)

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**From:** Davis, Katherine L  
**Sent:** Monday, February 05, 2018 3:29 PM  
**To:** Aucoin, Michael  
**Subject:** RE: TestAmerica HFPO DA analytical method PDF?

Yes, please send me the PDF. Thanks.

Kathy

**Katherine L. Davis, PhD**  
North America PFAS Lead  
Principal Geologist, Philly Metro Area  
D 1-302-781-5890  
C 1-302-530-2687  
[Katherine.L.Davis@aecom.com](mailto:Katherine.L.Davis@aecom.com)

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**From:** Aucoin, Michael  
**Sent:** Monday, February 05, 2018 2:47 PM  
**To:** Davis, Katherine L  
**Subject:** RE: TestAmerica HFPO DA analytical method PDF?

I can send what we have but HFPO-DA is included in the lab's PFAS method.

I think we recently asked the lab to produce a separate method for HFPO-DA but we don't have it yet.

Please confirm the PFAS method that includes HFPO-DA is acceptable.

Thanks.

Mike

302-781-5873

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**From:** Davis, Katherine L  
**Sent:** Monday, February 05, 2018 2:44 PM  
**To:** Aucoin, Michael  
**Subject:** TestAmerica HFPO DA analytical method PDF?

Andrew is looking for a PDF of the TestAmerica HFPO DA analytical method. If you have this, can you forward it to me? If not, can you please request it for me from the lab? Thanks.

Kathy

**Katherine L. Davis, PhD**

North America PFAS Lead  
Principal Geologist, Philly Metro Area  
D 1-302-781-5890  
C 1-302-530-2687  
[Katherine.L.Davis@aecom.com](mailto:Katherine.L.Davis@aecom.com)

**AECOM**

4051 Ogletown Road, Sabre Building Suite 300, Newark, Delaware 19713  
T 1-302-781-5900 F 1-302-781-5901  
[www.aecom.com](http://www.aecom.com)

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